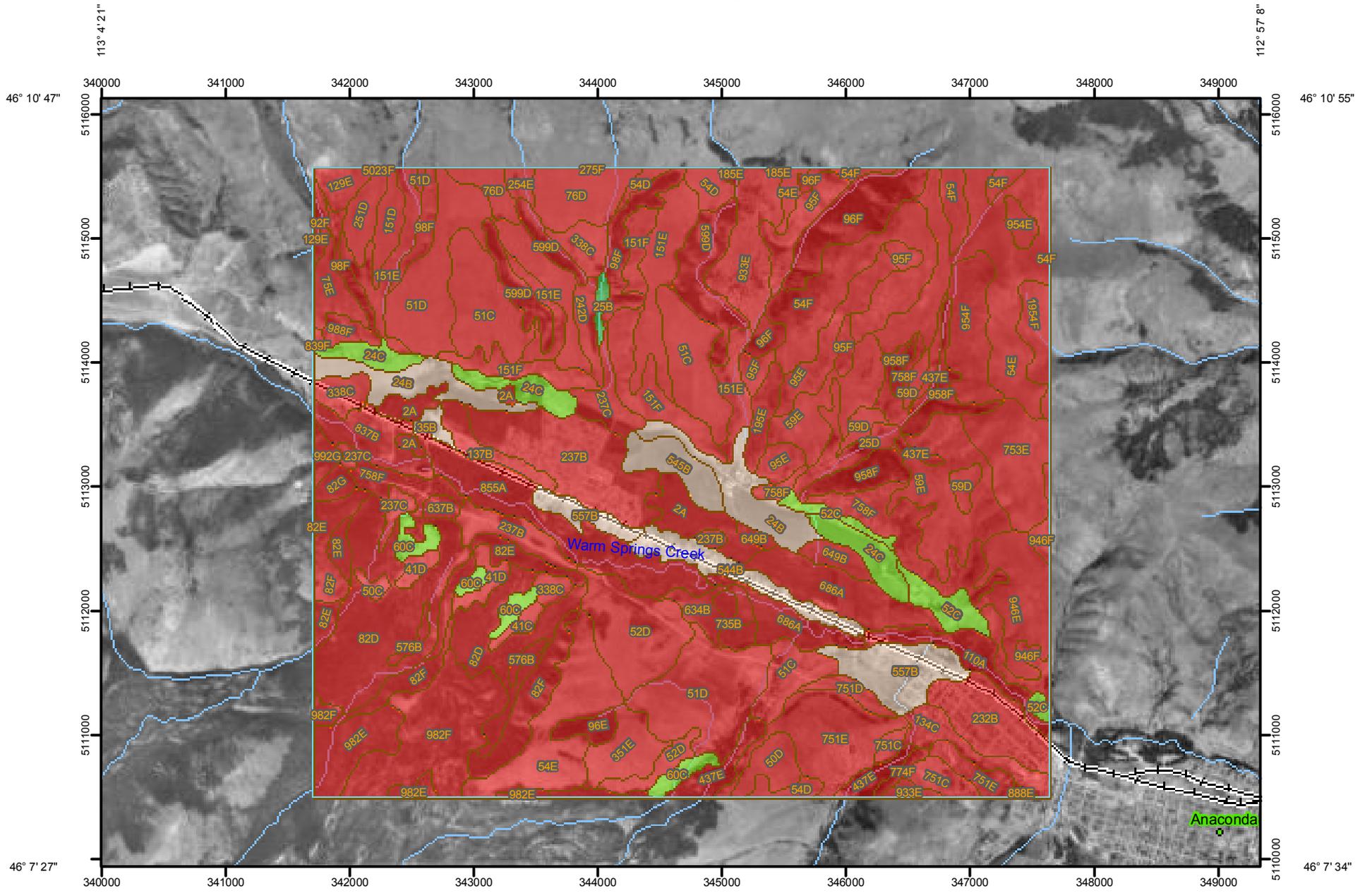
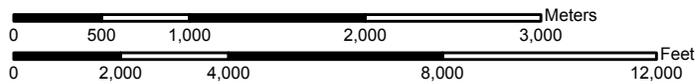


Appendix B:  
Maps and descriptions of the farmland classification types

Farmland Classification—Deer Lodge County Area, Montana  
(MT 1 - Anaconda to Georgetown Lake)



Map Scale: 1:44,300 if printed on A size (8.5" x 11") sheet.



Farmland Classification–Deer Lodge County Area, Montana  
(MT 1 - Anaconda to Georgetown Lake)

**MAP LEGEND**

**Area of Interest (AOI)**

 Area of Interest (AOI)

**Soils**

 Soil Map Units

**Soil Ratings**

-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained
-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated and drained
-  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season

-  Prime farmland if subsoiled, completely removing the root inhibiting soil layer
-  Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
-  Prime farmland if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance
-  Farmland of local importance
-  Farmland of unique importance
-  Not rated or not available

**Political Features**

 Cities

**Water Features**

-  Oceans
-  Streams and Canals

**Transportation**

-  Rails
-  Interstate Highways

-  US Routes
-  Major Roads

**MAP INFORMATION**

Map Scale: 1:44,300 if printed on A size (8.5" x 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:24,000.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>  
Coordinate System: UTM Zone 12N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Deer Lodge County Area, Montana  
Survey Area Data: Version 10, Feb 1, 2010

Date(s) aerial images were photographed: 9/2/1995; 9/1/1995

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Farmland Classification

Farmland Classification— Summary by Map Unit — Deer Lodge County Area, Montana				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
2A	Dougcliff mucky peat, 0 to 2 percent slopes	Not prime farmland	91.6	1.2%
24B	Con loam, 0 to 4 percent slopes	Prime farmland if irrigated	168.3	2.3%
24C	Con loam, 4 to 8 percent slopes	Farmland of statewide importance	116.7	1.6%
25B	Staad silty clay loam, 0 to 4 percent slopes	All areas are prime farmland	11.1	0.1%
25D	Staad silty clay loam, 8 to 15 percent slopes	Not prime farmland	48.0	0.6%
35B	Anaconda sandy loam, 0 to 4 percent slopes	Prime farmland if irrigated	13.4	0.2%
41C	Perma gravelly loam, 4 to 8 percent slopes	Not prime farmland	12.9	0.2%
41D	Perma gravelly loam, 8 to 15 percent slopes	Not prime farmland	35.6	0.5%
50C	Monad loam, 2 to 8 percent slopes	Not prime farmland	8.5	0.1%
50D	Monad loam, 8 to 15 percent slopes	Not prime farmland	40.6	0.5%
51C	Shawmut gravelly loam, 4 to 8 percent slopes	Not prime farmland	263.8	3.5%
51D	Shawmut gravelly loam, 8 to 15 percent slopes	Not prime farmland	378.8	5.1%
52C	Martinsdale loam, 4 to 8 percent slopes	Farmland of statewide importance	65.8	0.9%
52D	Martinsdale loam, 8 to 15 percent slopes	Not prime farmland	161.8	2.2%
54D	Libeg gravelly loam, 8 to 15 percent slopes	Not prime farmland	52.0	0.7%
54E	Libeg gravelly loam, 15 to 35 percent slopes	Not prime farmland	437.5	5.9%
54F	Libeg gravelly loam, 35 to 60 percent slopes	Not prime farmland	228.1	3.1%
59D	Tewfel-Hackney complex, 4 to 15 percent slopes	Not prime farmland	41.9	0.6%
59E	Tewfel-Hackney complex, 15 to 35 percent slopes	Not prime farmland	244.3	3.3%
60C	Quigley loam, 4 to 8 percent slopes	Farmland of statewide importance	62.5	0.8%
75E	Hanson gravelly loam, 15 to 35 percent slopes	Not prime farmland	38.5	0.5%
76D	Tibson gravelly loam, 8 to 15 percent slopes	Not prime farmland	110.5	1.5%
82D	Elve gravelly loam, 4 to 15 percent slopes	Not prime farmland	370.6	5.0%

Farmland Classification— Summary by Map Unit — Deer Lodge County Area, Montana				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
82E	Elve gravelly loam, 15 to 35 percent slopes	Not prime farmland	80.1	1.1%
82F	Elve gravelly loam, 35 to 60 percent slopes	Not prime farmland	151.2	2.0%
82G	Elve gravelly loam, 60 to 80 percent slopes	Not prime farmland	16.5	0.2%
92F	Whitore gravelly loam, 35 to 60 percent slopes	Not prime farmland	13.6	0.2%
95E	Yreka gravelly loam, 15 to 35 percent slopes	Not prime farmland	88.8	1.2%
95F	Yreka gravelly loam, 35 to 60 percent slopes	Not prime farmland	94.1	1.3%
96E	Worock gravelly loam, 15 to 35 percent slopes	Not prime farmland	23.2	0.3%
96F	Worock gravelly loam, 35 to 60 percent slopes	Not prime farmland	128.1	1.7%
98F	Trapps gravelly loam, 35 to 60 percent slopes	Not prime farmland	102.3	1.4%
110A	Carten-Wetsand complex, 0 to 2 percent slopes	Not prime farmland	64.0	0.9%
129E	Wimper-Winspect complex, 15 to 35 percent slopes	Not prime farmland	28.3	0.4%
134C	Cetrack loam, 4 to 8 percent slopes, severely impacted	Not prime farmland	55.2	0.7%
137B	Sixbeacon cobbly loam, 0 to 4 percent slopes	Not prime farmland	38.9	0.5%
151D	Shawmut cobbly loam, 8 to 15 percent slopes	Not prime farmland	34.0	0.5%
151E	Shawmut cobbly loam, 15 to 35 percent slopes	Not prime farmland	227.9	3.1%
151F	Shawmut cobbly loam, 35 to 60 percent slopes	Not prime farmland	151.5	2.0%
185E	Relyea-Helmville complex, 15 to 35 percent slopes	Not prime farmland	5.7	0.1%
195E	Yreka gravelly loam, cool, 15 to 35 percent slopes	Not prime farmland	33.2	0.4%
232B	Beaverell cobbly loam, 1 to 4 percent slopes, severely impacted	Not prime farmland	105.4	1.4%
237B	Sixbeacon gravelly loam, 0 to 4 percent slopes	Not prime farmland	243.3	3.3%
237C	Sixbeacon gravelly loam, 4 to 8 percent slopes	Not prime farmland	62.9	0.8%
242D	Braziel gravelly loam, 8 to 15 percent slopes	Not prime farmland	29.3	0.4%
251D	Shawmut stony loam, 0 to 15 percent slopes	Not prime farmland	36.1	0.5%
254E	Libeg stony loam, 15 to 35 percent slopes	Not prime farmland	13.7	0.2%

Farmland Classification— Summary by Map Unit — Deer Lodge County Area, Montana				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
275F	Hanson stony loam, 35 to 60 percent slopes	Not prime farmland	0.4	0.0%
338C	Perma cobbly loam, 4 to 8 percent slopes	Not prime farmland	76.2	1.0%
351E	Roy-Shawmut-Danvers complex, 15 to 35 percent slopes	Not prime farmland	62.2	0.8%
437E	Adel-Mooseflat complex, 8 to 35 percent slopes	Not prime farmland	98.7	1.3%
544B	Gregson loam, 0 to 4 percent slopes	Prime farmland if irrigated	74.8	1.0%
545B	Saypo loam, 0 to 4 percent slopes	Prime farmland if irrigated	58.7	0.8%
557B	Kleinschmidt gravelly loam, 0 to 4 percent slopes	Prime farmland if irrigated	130.7	1.8%
576B	Finn gravelly loam, dry, 0 to 4 percent slopes	Not prime farmland	18.9	0.3%
599D	Silverchief-Trapps complex, 8 to 15 percent slopes	Not prime farmland	149.8	2.0%
634B	Blossberg loam, 0 to 4 percent slopes	Not prime farmland	36.6	0.5%
637B	Poronto loam, 0 to 4 percent slopes	Not prime farmland	11.7	0.2%
649B	Turrah silty clay loam, 0 to 4 percent slopes	Not prime farmland	33.4	0.4%
686A	Dougcliff mucky peat, loamy substratum, 0 to 2 percent slopes	Not prime farmland	167.5	2.3%
735B	Tetonview-Blossberg loams, 0 to 4 percent slopes, rarely flooded	Not prime farmland	23.0	0.3%
751C	Shawmut gravelly loam, 4 to 8 percent slopes, moderately impacted	Not prime farmland	40.3	0.5%
751D	Shawmut gravelly loam, 8 to 15 percent slopes, moderately impacted	Not prime farmland	21.3	0.3%
751E	Shawmut gravelly loam, 15 to 35 percent slopes, moderately impacted	Not prime farmland	170.5	2.3%
753E	Redchief-Copenhaver gravelly loams, 15 to 35 percent slopes, moderately impacted	Not prime farmland	116.2	1.6%
758F	Mishakal-Tolbert complex, 35 to 60 percent slopes, moderately impacted	Not prime farmland	198.8	2.7%
774F	Wilspring-Tolbert complex, 35 to 60 percent slopes	Not prime farmland	10.7	0.1%
837B	Poronto loam, 0 to 4 percent slopes, rarely flooded	Not prime farmland	71.6	1.0%
839F	Windham-Lap-Rock outcrop complex, 35 to 60 percent slopes	Not prime farmland	3.4	0.0%
855A	Mannixlee-Blossberg complex, 0 to 2 percent slopes	Not prime farmland	173.5	2.3%

Farmland Classification— Summary by Map Unit — Deer Lodge County Area, Montana				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
888E	Caramon ashy loam, 15 to 35 percent slopes, moderately impacted	Not prime farmland	3.4	0.0%
933E	Burrfoot-Nivean complex, 15 to 35 percent slopes, moderately impacted	Not prime farmland	118.5	1.6%
946E	Roy-Tolbert-Rock outcrop complex, 15 to 35 percent slopes, moderately impacted	Not prime farmland	112.7	1.5%
946F	Roy-Tolbert-Rock outcrop complex, 35 to 60 percent slopes, moderately impacted	Not prime farmland	50.1	0.7%
954E	Libeg-Copenhaver-Rock outcrop complex, 15 to 35 percent slopes	Not prime farmland	17.6	0.2%
954F	Libeg-Copenhaver-Rock outcrop complex, 35 to 60 percent slopes	Not prime farmland	92.9	1.2%
958F	Mishakal loam, 35 to 60 percent slopes	Not prime farmland	83.3	1.1%
982E	Elve-Rock outcrop complex, 15 to 35 percent slopes	Not prime farmland	96.2	1.3%
982F	Elve-Rock outcrop complex, 35 to 60 percent slopes	Not prime farmland	202.5	2.7%
988F	Whitecow-Rock outcrop complex, 35 to 60 percent slopes	Not prime farmland	19.8	0.3%
992G	Whitore-Rock outcrop complex, 60 to 80 percent slopes	Not prime farmland	16.4	0.2%
1954F	Libeg-Copenhaver-Rock outcrop complex, 35 to 60 percent slopes, moderately impacted	Not prime farmland	49.3	0.7%
5023F	Worock-Elve-Libeg complex, 35 to 60 percent slopes	Not prime farmland	0.1	0.0%
<b>Totals for Area of Interest</b>			<b>7,441.6</b>	<b>100.0%</b>

## Description

Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

## Rating Options

*Aggregation Method:* No Aggregation Necessary

*Tie-break Rule:* Lower